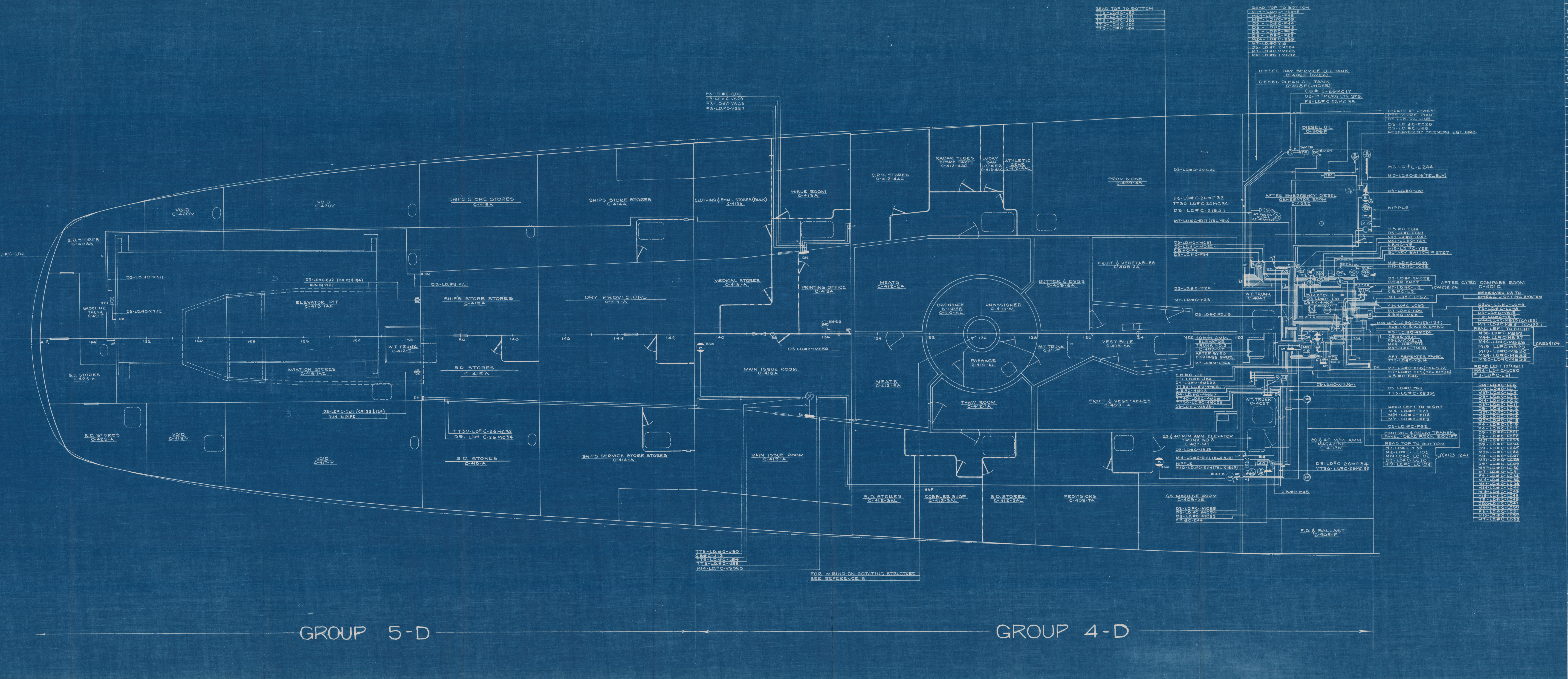
124



LIST OF SYMBOLS

Nº	SYM.	DESCRIPTION	BU. OF SHIPS DRAWING Nº	SUB-CONTRACTORS DRAWING Nº
175	⊙	BRANCH BOX-W.T.-TYPE E-S	9-S-4260-L	
180	5	5 WIRE CONNECTION BOX-TYPE 5S-W.T.	9-S-5174-L	
182	20	20 WIRE CONNECTION BOX-W.T.-TYPE 5S	9-S-4302-L	
183	40	40 WIRE CONNECTION BOX-W.T.-TYPE 5S	9-S-4303-L	
184	3T	3 PR. TELEPHONE CONNECTION BOX-W.T.-TYPE 8S	9-S-4477-L	
186	20T	20 PR. TELEPHONE CONNECTION BOX-W.T.-TYPE 8S	9-S-4426-L	
189	40T	40 PR. TELEPHONE CONNECTION BOX-W.T.-TYPE 8S	9-S-4427-L	
223	4W	DISTRIBUTION BOX-4 WAY-W.T.-NO SWITCHES-TYPE 355	9-S-5304-L	
343		SNAPSWITCH-10A-D.P.-W.T.-TYPE CC-S	9-S-4718-L	
348		SNAPSWITCH-10A-3WAY-W.T.-TYPE MMS	9-S-4721-L	
415	2EC	LOW PRESSURE CONTACT MAKER-RANGE 1½-15#/IN FOR DIESEL GENERATOR (FURNISHED WITH GENERATOR)	CA68-S6100-1004	COOPER-BESSEMER CORP.-F.S.N.46
425	GM	THERMOSTAT-105°-WITH RESISTOR-TYPE "GM"	9-S-4732-L	
426	GM	THERMOSTAT-105°-WITHOUT RESISTOR-TYPE "GM"	9-S-4732-L	
473	3N	RUDDER ANGLE INDICATOR	FURN. BY BU. SHIPS	
477	☒	MASTER GYRO COMPASS-MK.8-MOD.3A	FURN. BY BU. SHIPS	SEE REF. 4
483	G2 S	DOUBLE DIAL CONCENTRIC STEERING REPEATER-MK.6-MOD.0-CONNECTION BOX & BRACKET ARMS	FURN. BY BU. SHIPS	
488	LC3	3 DROP ANNUNCIATOR	FURN. BY BU. SHIPS	
489	LC	ALARM BELL-115 V.A.C.	FURN. BY BU. SHIPS	
544	T D	DUMMY LOG DISTANCE TRANSMITTER	S6505-538302	BENDIX #V-40256
552	2MC H	REPRODUCER-HIGH POWER-D-173183-CLASS h	CA122-S6502 179543	WEST. ELEC. ESXX-671074
554	2MC L	REPRODUCER-LOW POWER-D-173180-CLASS L	CA122-S6502 179545	WEST. ELEC. ESXX-671073
568	TR	TRANSMITTER RECEIVER UNIT	FURN. BY BU. SHIPS	
573	8R	CONNECTION BOX-W.T. WITH 8 RESISTORS	CA122-S6502-168	BETH. STEEL 1544-20-286
578	4MC LS	REPRODUCER-CLASS LS-CIRC. 4MC	FURN. BY BU. SHIPS	
587	B	TELEPHONE-TYPE B	CA68-S6501-8C	AUTO ELEC. GL-646
589		TELEPHONE POWER SIGNAL RELAY-MICRO SWITCH TYPE	CA68-S6501-83	AUTO ELEC. GL-845
602	☒S	JACKBOX-TYPE TI-S	9-S-5406-L	
613		SOUND POWERED TELEPHONE HANDSET	CA122-S6501 179222	RCA T613025-504-38
699	☐	AFTER REPEATER PANEL-MK.8-MOD.109	FURN. BY BU. SHIPS	SEE REF. 4
833	○○ EC	2 DIAL INDICATOR LAMP TYPE	9-S-4609-L	
845		PUSHBUTTON-W.T.-TYPE R-S-SINGLE	9-S-4581-L	
846		PUSHBUTTON-W.T.-TYPE A-S-2 GANG	9-S-4488-L	
848		PUSHBUTTON-W.T.-TYPE A-S-4 GANG	9-S-4490-L	
849		PUSHBUTTON-W.T.-TYPE A-S-5 GANG	9-S-4629-L	
889	E B2	BELL-LOW INTENSITY-TYPE B2-115V.A.C.-W.T.	CA68-S6504-34	HENSCHEL 20-150
891	2EC B4	BELL-TYPE B4-115V.A.C.-W.T.	CA122-S6504 178574	HENSCHEL 20-152
894	E Z2	BUZZER-LOW INTENSITY-TYPE Z2-115 V.A.C.	CA122-S6504 179872	EDWARDS & CO. 6807-Z-2
896	E H4	HORN-HIGH INTENSITY-RESONATED-SR-TYPE H-4-115V.A.C.	CA68-S6504-85	FEDERAL H-6166
898	J H9	HORN-MOTOR OPERATED-TYPE H9	CA72-S6501 178963	AUTO ELEC. GH-74270A
1919	MG	MOTOR GENERATOR SET-MK.7-MOD.1	FURN. BY BU. SHIPS	SEE REF. 4
858	B115	MULTIPLE ROTARY SWITCH	9-S-5566-L	
491	☐	GYRO-COMPASS SWITCHBOARD-AFT	FURN. BY BU. SHIPS	SEE REF. 4

NET AREA =

NO.	PANEL	ALTERATION	BY	CONT. DATE	CONT. APPD.	GOV'T. DATE	GOV'T. APPD.
		AFT GYRO COMPASS RM:- DELETED REPRODUCER #4MC 3A & LD# C-4MC20 PER B.S.C. DR#1544-20-348, BU. OF SHIPS NO. CA 122-S6502-528164, ALT 2- AFT DIESEL GEN. RM:- ADDED TRANS. REC. FOR CIR "26MC" PER BSC DR.#1544-20-329, BU. OF SHIPS Nº CA122-S6502-531460, ALT0- ADDED JACK BOX FOR TEL. CIR. "X15J" PER B.S.C. DR. #1544-20-322, BU. OF SHIPS Nº CA68-S6501-321, ALT4- ADDED BU. Nº TO REF PLAN #3- SYMBOL LIST: ADDED "LAMP TYPE" TO INDICATOR, SYM. #833 PER B.S.C. DR.#1544-20-259, BU. OF SHIPS Nº CA68-S6505-120, ALT1- SHIPS Nos CA125-129, 137 & 138 DELETED FROM TITLE BLOCK PER BU. OF SHIPS LETTER SECT. 1760, Nobs 316 (T)(1763) OF 12, AUG, 1945-					
1	jaa	APPROVAL	H.B.P.	28 NOV 1945	ANN	12/14/45	R
		AFT DIESEL GEN. RM:- ADDED B4 BELL & SINGLE P.B. FOR CIR. "E" PER B.S.C. DR. 1544-20-257, BU. Nº CA68-S6504-63- ALT5- 20 & 40 M/M AMM. MAG:- ADDED LD# C-X5J24 PER B.S.C. DR.#1544-20-322, BU. Nº CA68-S6501-321, ALT8- AFTER GYRO COMPASS RM:- ADDED LD# C-MB51 & ASSIGNED LDS # C-MB20 & 51 TO CA122 PER B.S.C. DR#1544-20-271 BU. Nº CA68-S6505-137, ALT3- ADDED ROTARY SWITCH #2732 & LD. MKGS. FOR CA123 & 124 ON CIR. "MB" PER B.S.C. DR.#1545-20-271, BU. Nº CA123-S6505-863129, ALT. 0- SYMBOL LIST:- BU. Nº OF SYM. # 415 WAS CA68-S61-1004 CHGD. PER BSC DR # 1544-20-260, BU. Nº CA68-S6505-123 ALT 3- AFT GYRO COMP. RM:- REVISED CIR. "LC" FOR CA123-124 PER B.S.C. DR #1545-20-269-1, BU. Nº CA123-S2407-863182, ALT0- PLAN CHG'D TO AGREE WITH LATEST COMPT & ACCESS PLAN-					
2	jaa	APPROVAL	H.B.P.	28 FEB 1946	ANN	8 MAR 1946	N
		ADDED LD# C-CJ1 & LD# C-CJ2 LOCATED IN AVIATION STORES PER B.S.C. DR. Nº 1545-20-352, BU. OF SHIP Nº CA123-S6501-863318, ALT. 1					
3	jaa	APPROVAL	G.W.S.	4 JUNE 1946	HWL	20 JUNE '46	

CALCULATED WEIGHTS

GROUP	DESCRIPTION	CONT. CALC.	BUREAU EST.	DIFFERENCE

HULL NO.	SHIP NO.	NAME	CONTRACTOR
1546	CA-124		BETHLEHEM STEEL CO. SHIPBUILDING DIV. QUINCY YARD QUINCY MASS.
1545	CA-123		
1544	CA-122		

BETHLEHEM STEEL CO.

SHIPBUILDING DIVISION
QUINCY YARD QUINCY. MASS.
ELECTRICAL DEPARTMENT

SCALE ¼" = 1 FT. DATE JUNE 13, 1945
DRAWN B.R.C. EXAMINED ANN
TRACED APPROVED E.E.F.
CHECKED H. THOMAS & H.W. APPROVED ZCG

JOB Nº 1544-20 PLAN Nº 1544-20-206

APPROVED FOR SupShip, Quincy LETTER NO. CA122 C1/S6503-3 (S1290-Dm) DATE 6/28/45
SUPERVISOR OF SHIPBUILDING U.S.N., QUINCY, MASS.
By Direction

INTERIOR COMMUNICATION
1ST. PLATFORM AFT

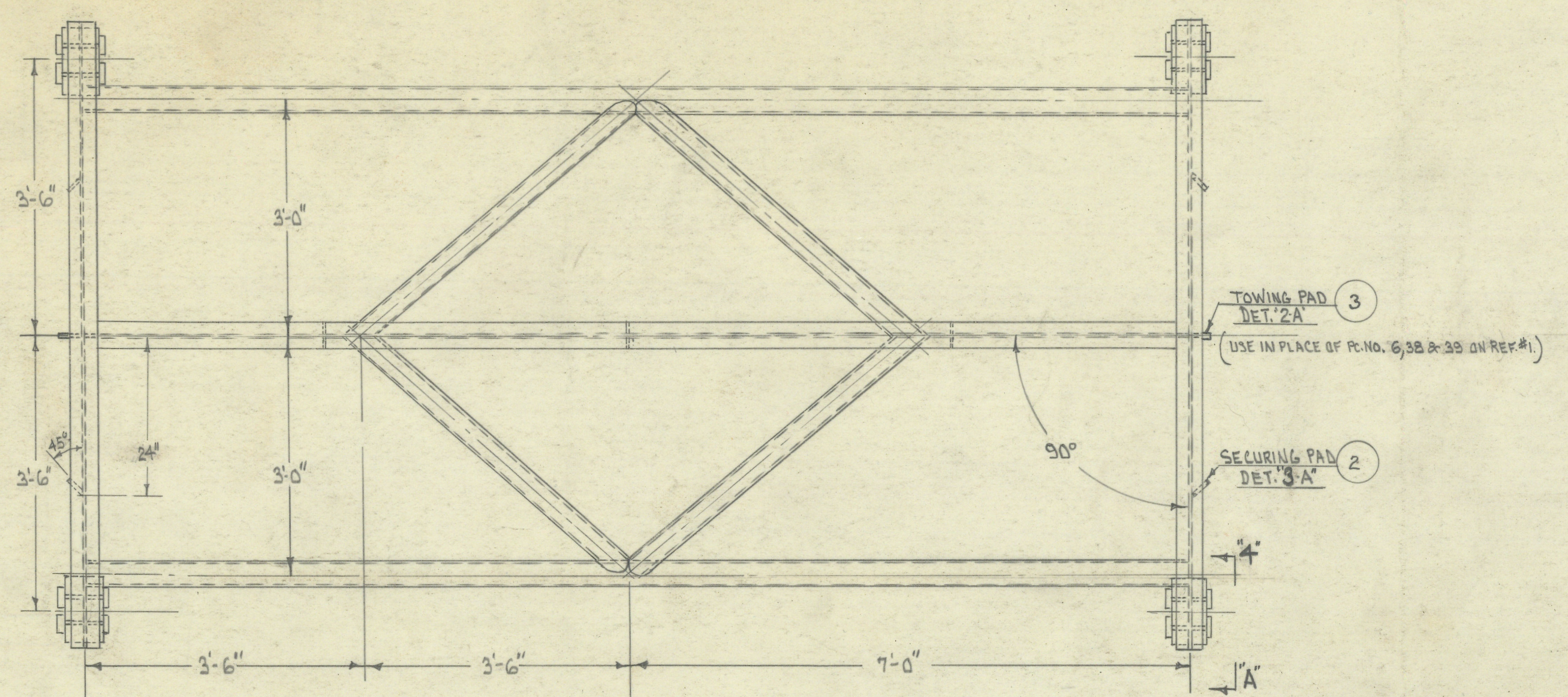
BUREAU OF SHIPS PLAN NUMBER			
HULL	MACHINERY		
	INDEX	GROUP	FILE NUMBER
	CA68	S6503	33 ALT. 3

Alt	0	1	2	3
BuShips	2	2	2	2
BuOrd				
File	1	1	1	1
Yard	1	1	1	1
So. Boston		2	2	2
PCO CA122		1	1	
PCO CA123			1	
NM				

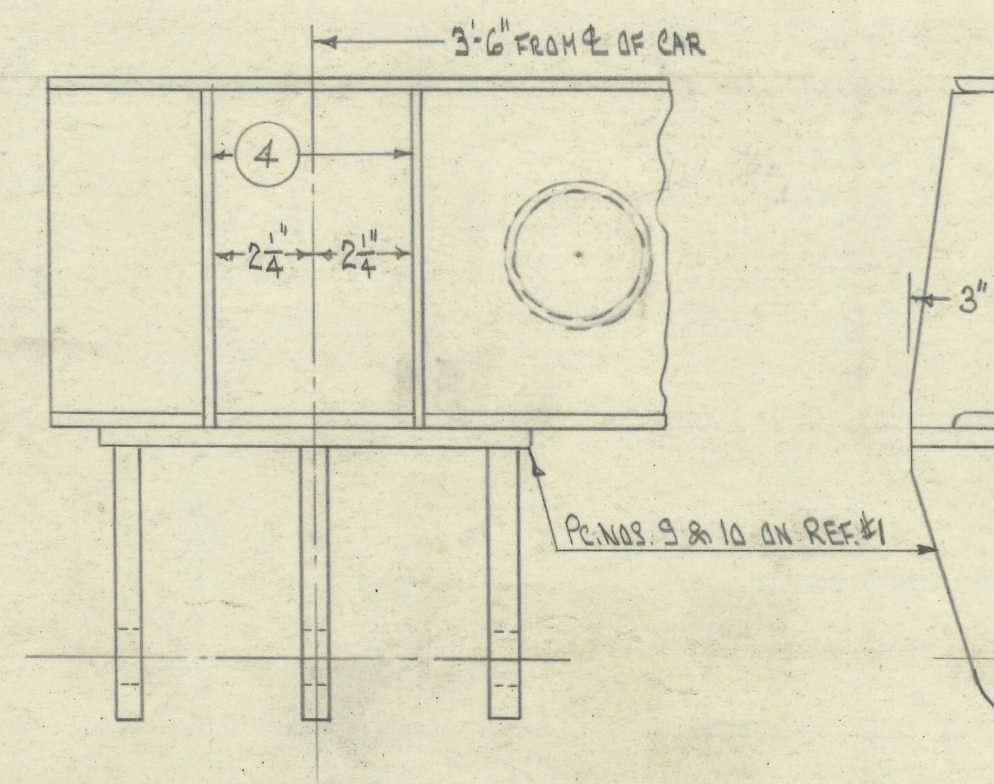
PRINTS

REFERENCE PLANS

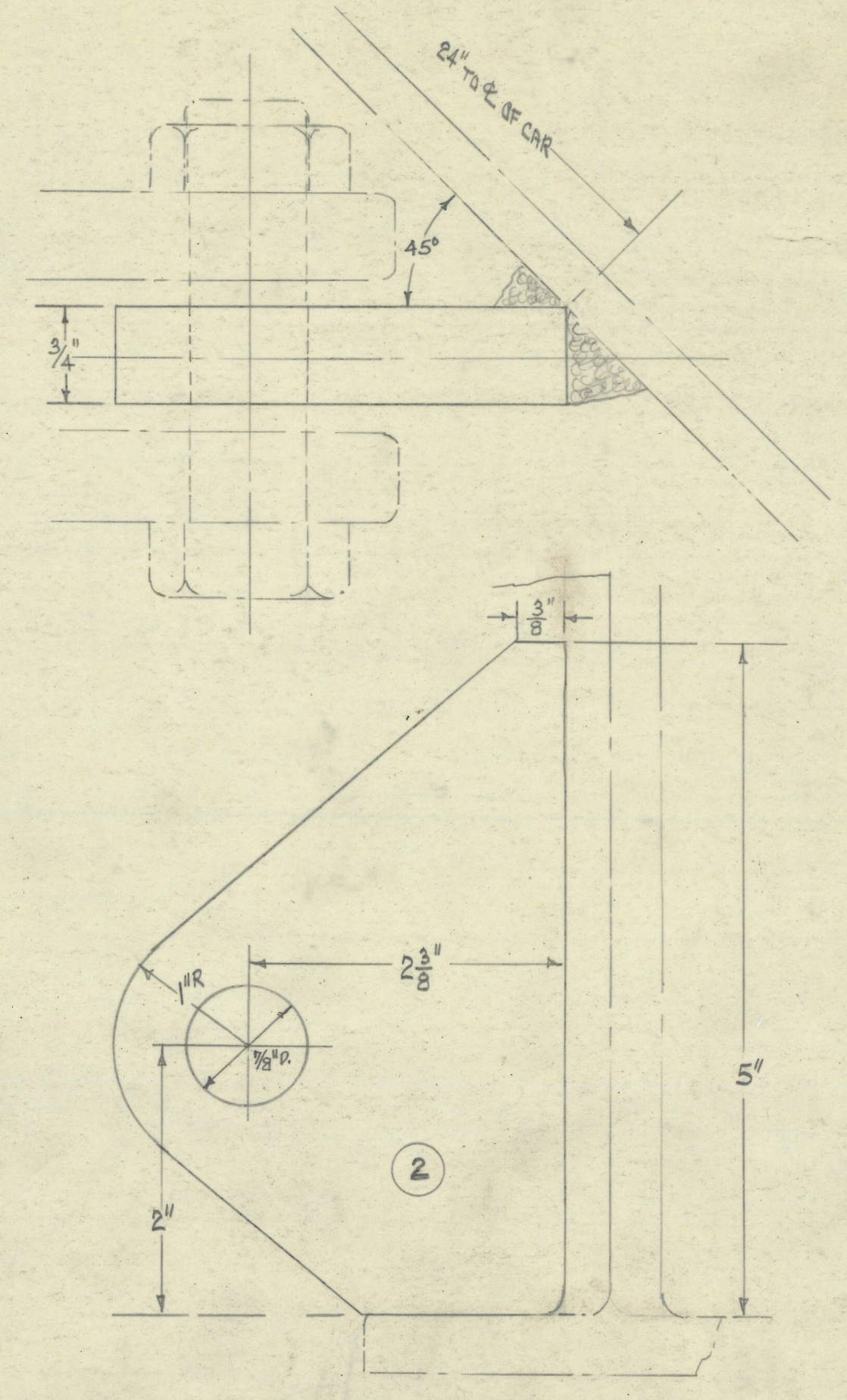
Nº	TITLE	B.S.C. Nº	BUREAU OF SHIPS Nº MACHINERY INDEX	GROUP	FILE Nº	ALT.
1.	LIGHTING-1ST PLATFORM AFT.	1544-20-106	CA68	S6401	217	
2.	WIREWAYS-1ST PLATFORM AFT.	1544-20-506	CA68	S6000	77	
3.	LIST OF SYMBOLS	1544-20-825	CA122	S6000	528330	
4.	INSTALLATION DIAGRAM-MK.8-MOD.3A-GYRO COMPASS EQUIPMENT	ARMA #59301-E		S2407	60471	
5.	INTERIOR COMMUNICATIONS-8" TURRETS	1544-20-200	CA68	S6503	27	


3'-6"
3'-6"
3'-0"
3'-0"
24"
45°
90°
TOWING PAD DET. "2-A" ③
(USE IN PLACE OF PC. NO. 6, 38 & 39 ON REF. #1.)
SECURING PAD DET. "3-A" ②
"4"
"A"
3'-6"
3'-6"
7'-0"

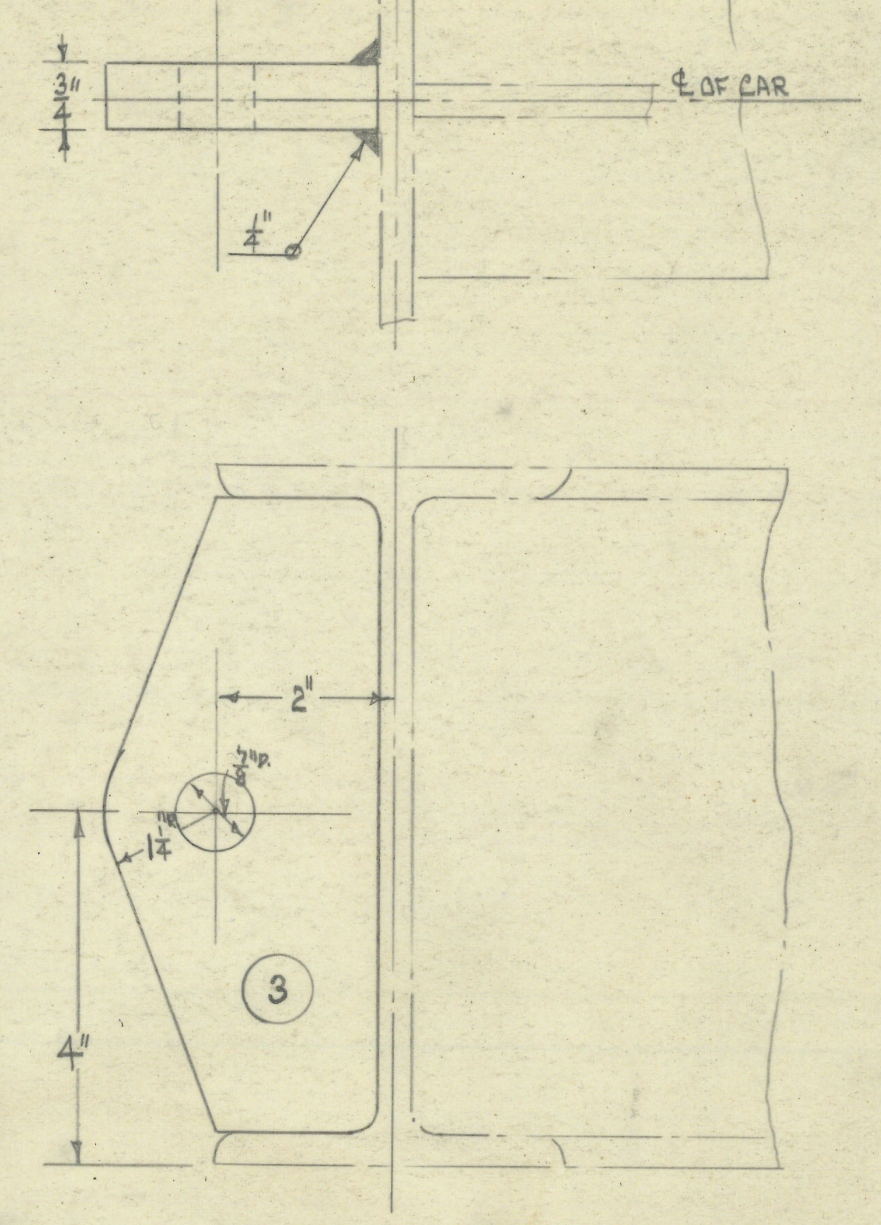
PLAN VIEW OF CAR ①
DETAILS SIMILAR TO REF. NO. 1
SCALE: 3/4" = 1 FT


3'-6" FROM ℄ OF CAR
④
2¼"
2¼"
PC. NOS. 9 & 10 ON REF. #1
USE IN PLACE OF PC. NO. 8 ON REF. NO. 1
10.2# PL
3"
½"

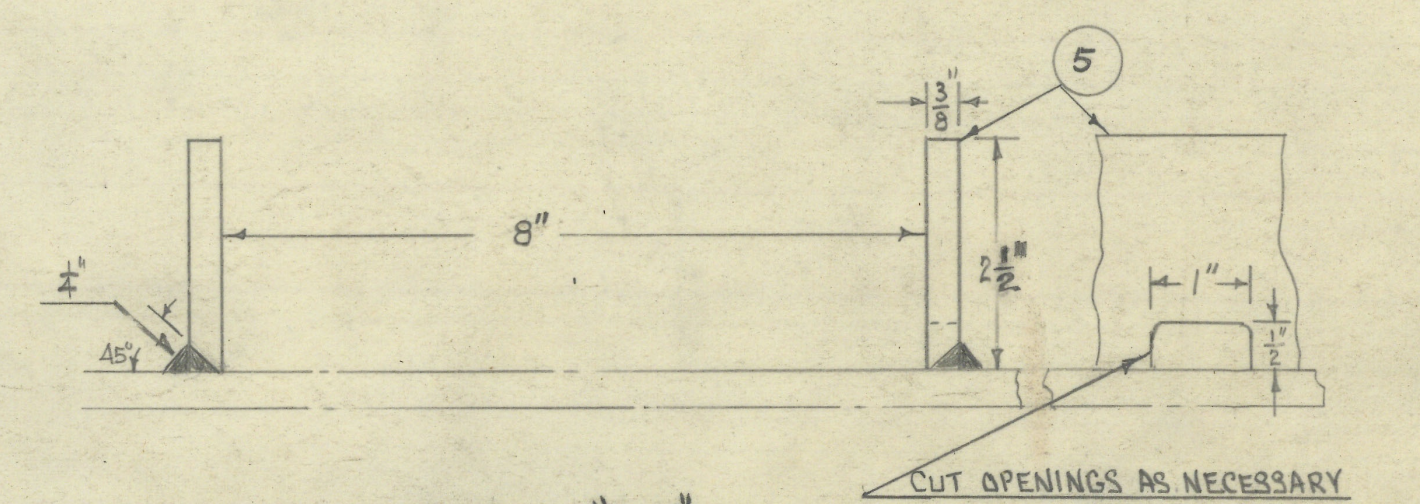
DETAIL "4-A"
SCALE: 3" = 1 FT.



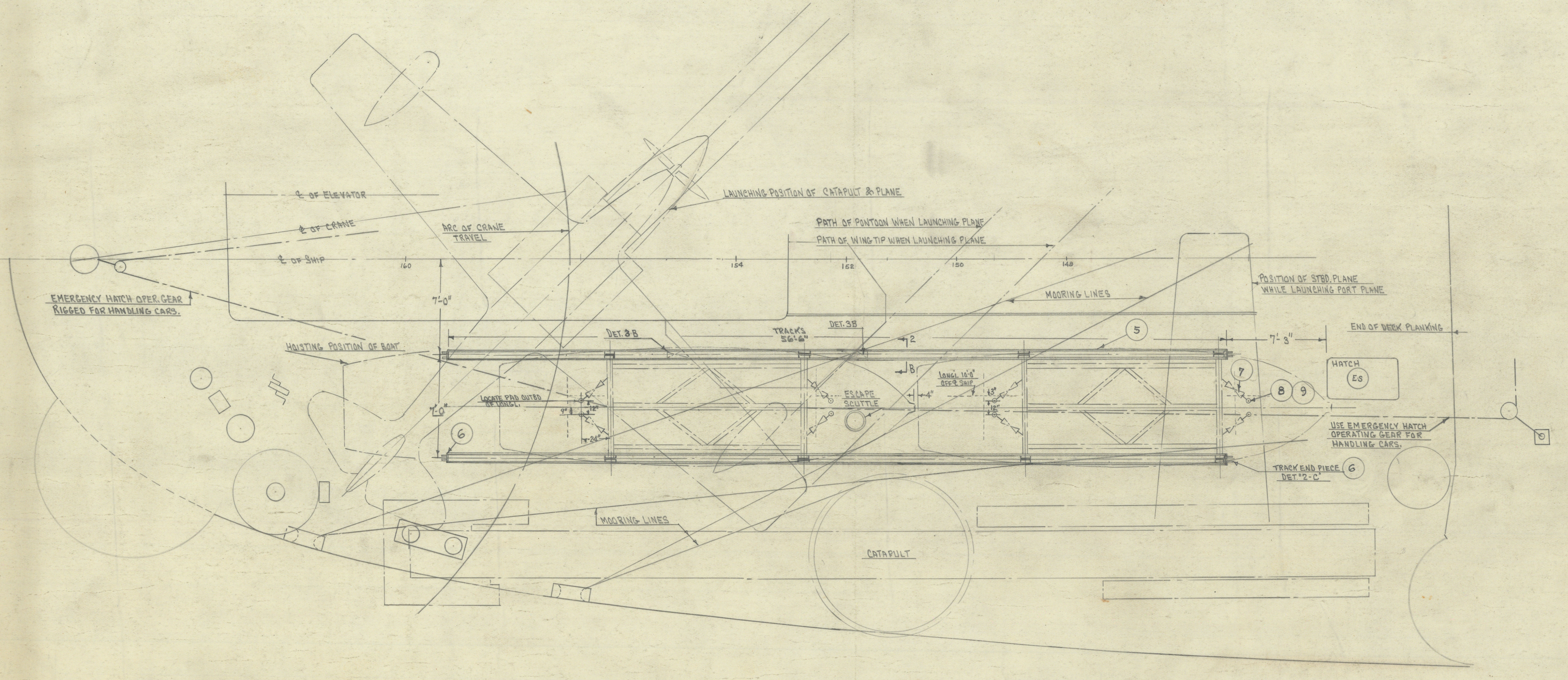
DETAIL "3-A"
SCALE: FULL SIZE



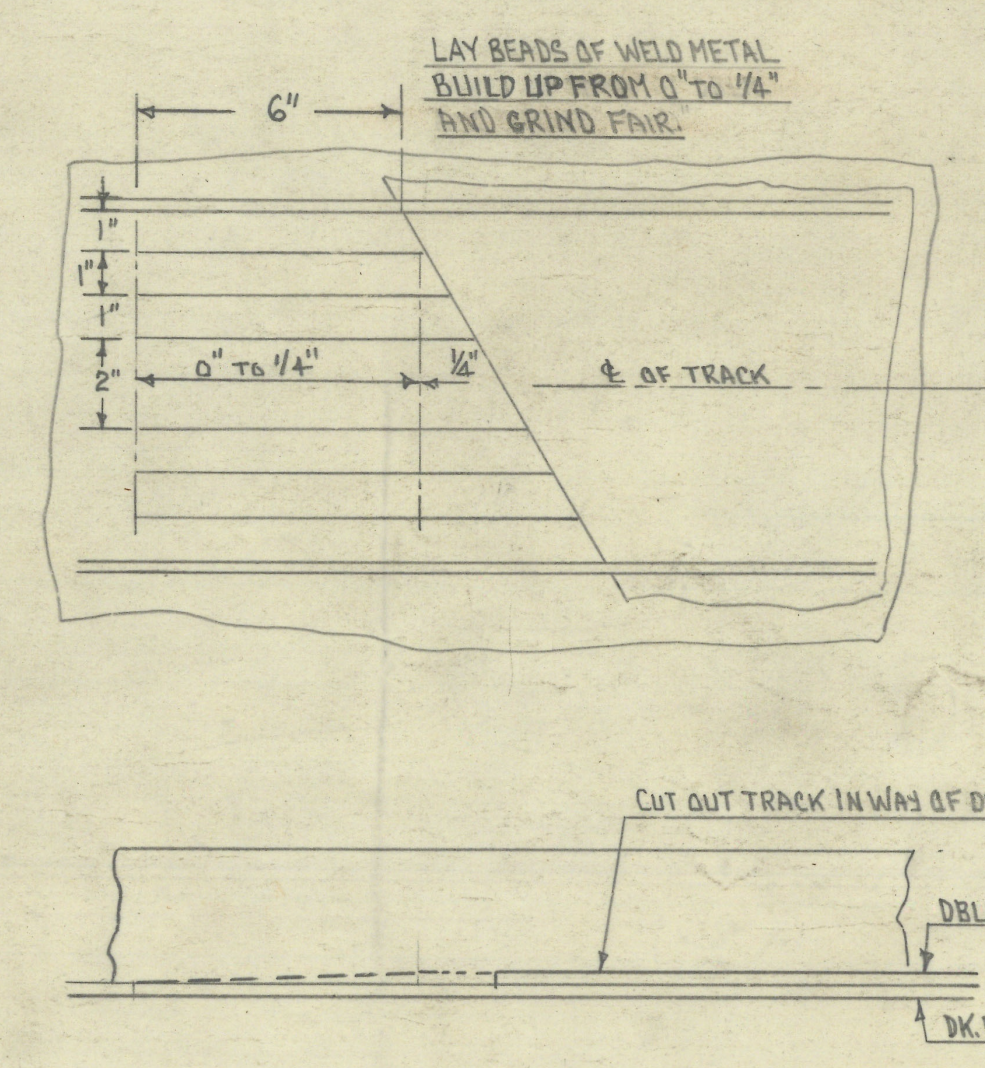
DETAIL "2-A"
SCALE: 6" = 1 FT.



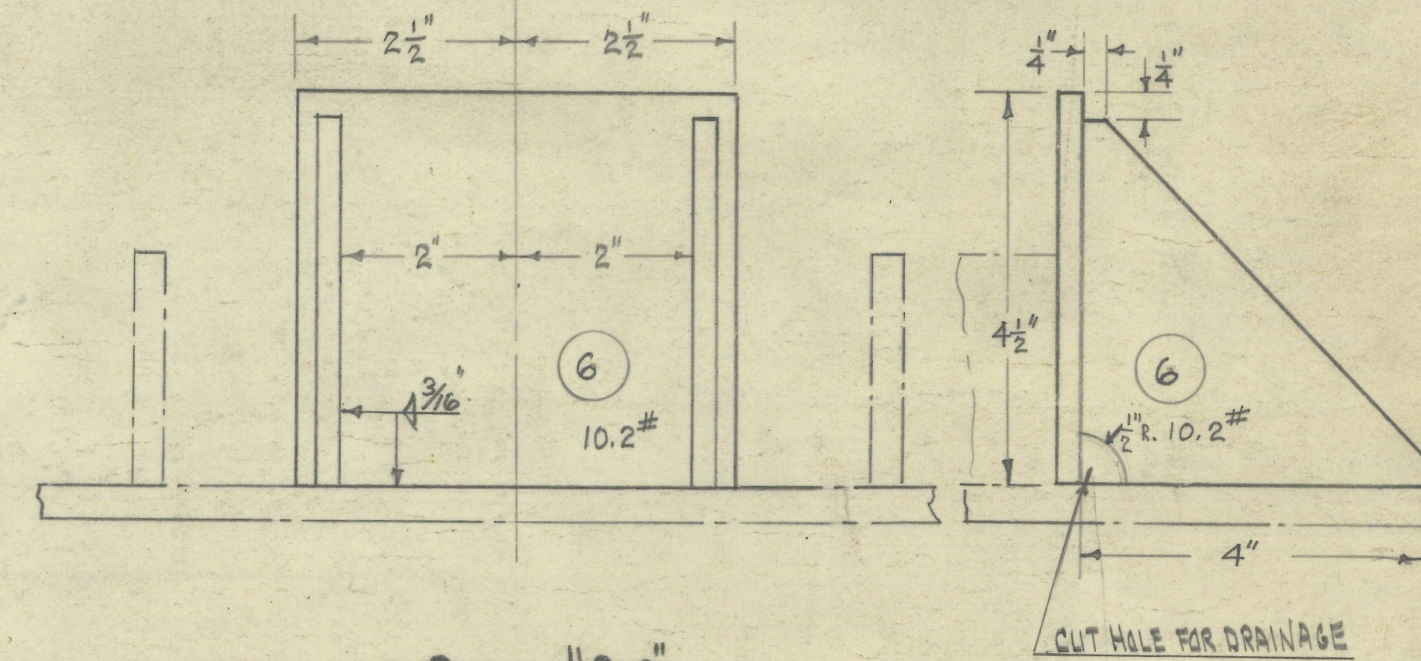
DETAIL "2-B"
SCALE: 6" = 1 FT.


℄ OF ELEVATOR
℄ OF CRANE
℄ OF SHIP
ARC OF CRANE TRAVEL
LAUNCHING POSITION OF CATAPULT & PLANE
PATH OF PONTOON WHEN LAUNCHING PLANE
PATH OF WING TIP WHEN LAUNCHING PLANE
160
154
152
150
148
POSITION OF STBD. PLANE WHILE LAUNCHING PORT PLANE
MOORING LINES
EMERGENCY HATCH OPER. GEAR RIGGED FOR HANDLING CARS.
7'-0"
HOISTING POSITION OF BOAT
DET. 3-B
TRACKS 56'-6"
DET. 3B
2
B
⑤
7'-3"
END OF DECK PLANKING
HATCH
ES
⑦
⑧ ⑨
LOCATE PAD OUTBD OF LONGL.
9"
12"
24"
7'-0"
⑥
ESCAPE SCUTTLE
4"
LONGL. 10'-0" OFF ℄ SHIP
USE EMERGENCY HATCH OPERATING GEAR FOR HANDLING CARS.
TRACK END PIECE DET. "2-C" ⑥
MOORING LINES
CATAPULT

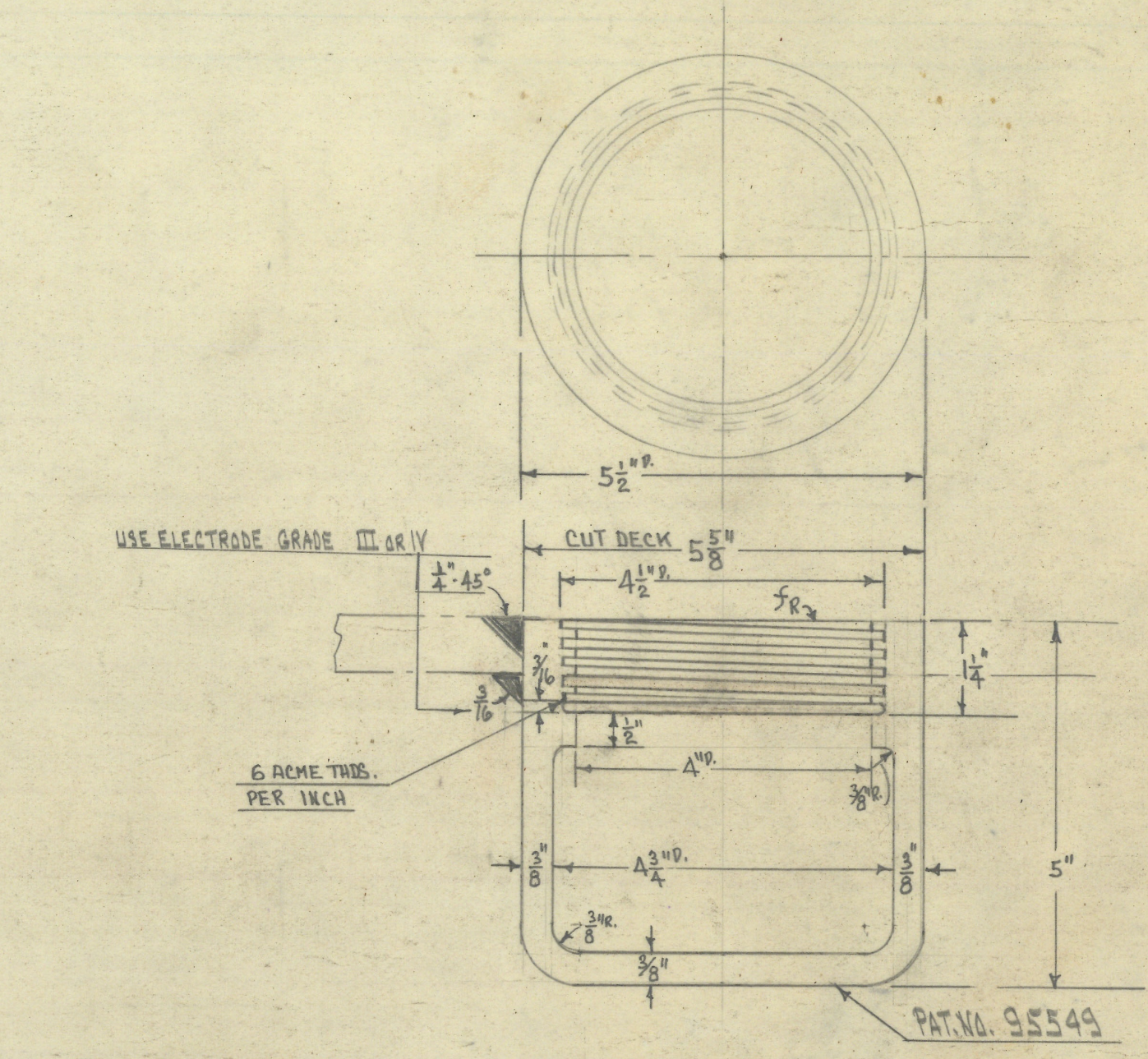
ARRANGEMENT ~ MAIN DECK AFT
SCALE: ¼" = 1 FT.


6"
LAY BEADS OF WELD METAL BUILD UP FROM 0" TO ¼" AND GRIND FAIR.
1"
1"
1"
2"
0" TO ¼"
¼"
℄ OF TRACK
CUT OUT TRACK IN WAY OF DBLR.
DBLR.
DK. PLT.

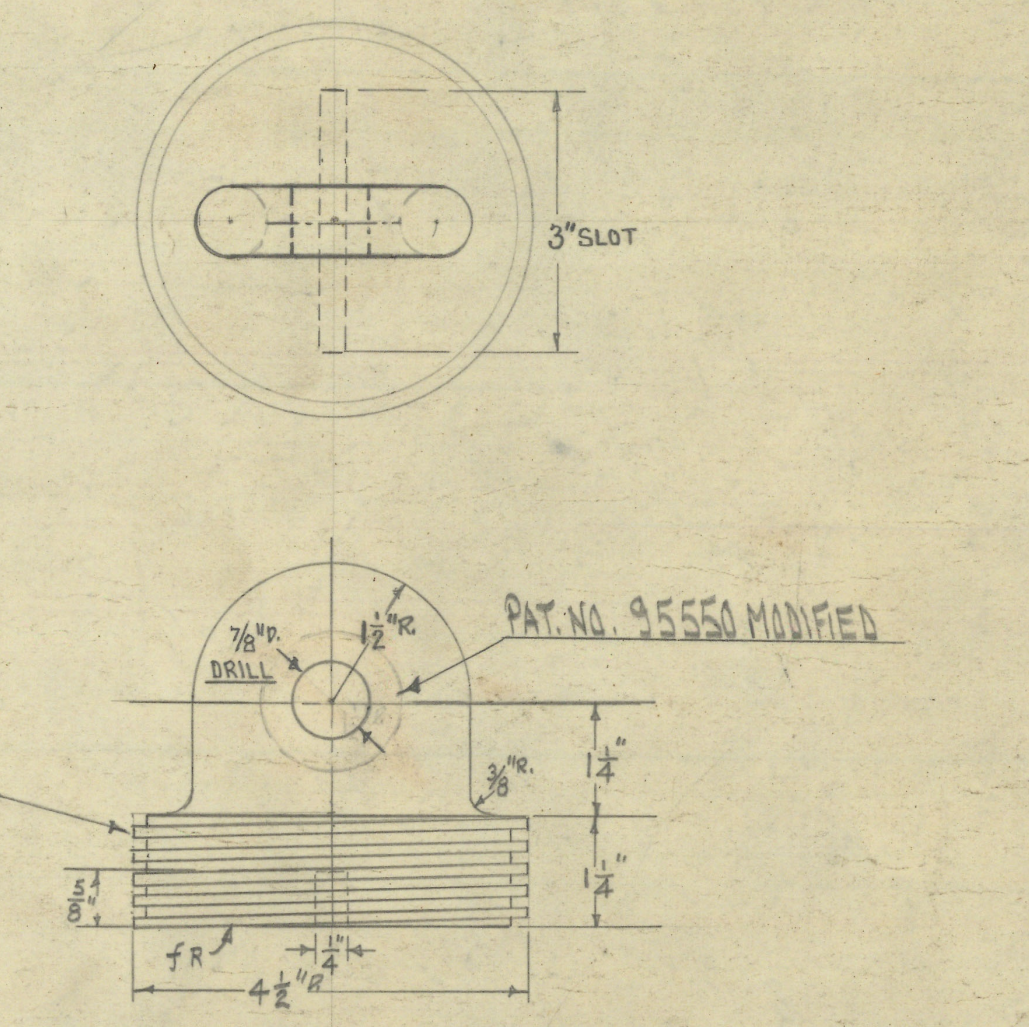
DETAIL "3-B"
SCALE: 3" = 1 FT.



DETAIL "2-C"
SCALE: 6" = 1 FT.



DECK SOCKET ⑧
SCALE: 6" = 1 FT.



REVERSIBLE EYEBOLT ⑨
SCALE: 6" = 1 FT.

BILL OF MATERIAL - QUANTITY FOR ONE SHIP

PC. NO.	NAME	AMT.	MATERIAL	N.D. SPECS.	REMARKS
1	CAR COMPLETE WITH CHOCKS & GRIPES	2	M.S.		REF. #1 EXCEPT AS NOTED ON PLAN VIEW
2	SECURING PAD	8	"		DET. "3A"
3	TOWING PAD	4	"		" "2A"
4	TILT. BKTS FOR CARS	16 PR.	"		" "4A"
5	TRACKS	4	"		" "2B" 2½" × ⅜" FLAT BAR
6	TRACK END PIECE	4	"		" "2C"
7	TURNBUCKLES ⅞" × 12"	8	"		SIM. TO T. LAUGHLIN FIG G-228
8	DECK SOCKET	8	C.R.S.	46-S-27	PAT. NO. 95549
9	REVERSIBLE EYE BOLT	8	COMP. MnC	49-B-3	" " 95550 MOD. AS SHOWN

MK.	PANEL	ALTERATION	MADE	CHKD.	APPD.	1947

REFERENCES

NO.	BU. SHIPS NO.	TITLE
1	CA122-S8201-662029	ARRGT. & DET. OF CAR FOR 30 FT. M. LAUNCH
2	[illegible]	STOWAGE FOR INCREASED ALL. OF BOATS

GENERAL NOTES

1. TEMPLATE WORK FROM SHIP.

Weight and Moment Effect Due to Alteration

Plan Nos. ....

	Weight		Vert. Mom. Abv. BaseLine	
Mat'l & Equipment Added	+ 8.8	Tons	+ 422	Ft. Tons
" " " Removed	−	"	−	" "
" " " Relocated ( )		"	−	" "
Net Change	+ 8.8	Tons	+ 422	Ft. Tons

Alt.	Ord'd 1947	Mat.	Prog.	Bm.	Wgt.	Pl	INV. Bldr SN SHIPS	Plcr 5R	11	23	31	61	ML	72	INV. PS	94	250c	259	254d
	10/17					1	2	3	4	2	3	3	1	1	V	1	1	1	1

CA 122-124
SHIP NO. REMARKS

BOSTON NAVAL SHIPYARD

SCALE: AS SHOWN

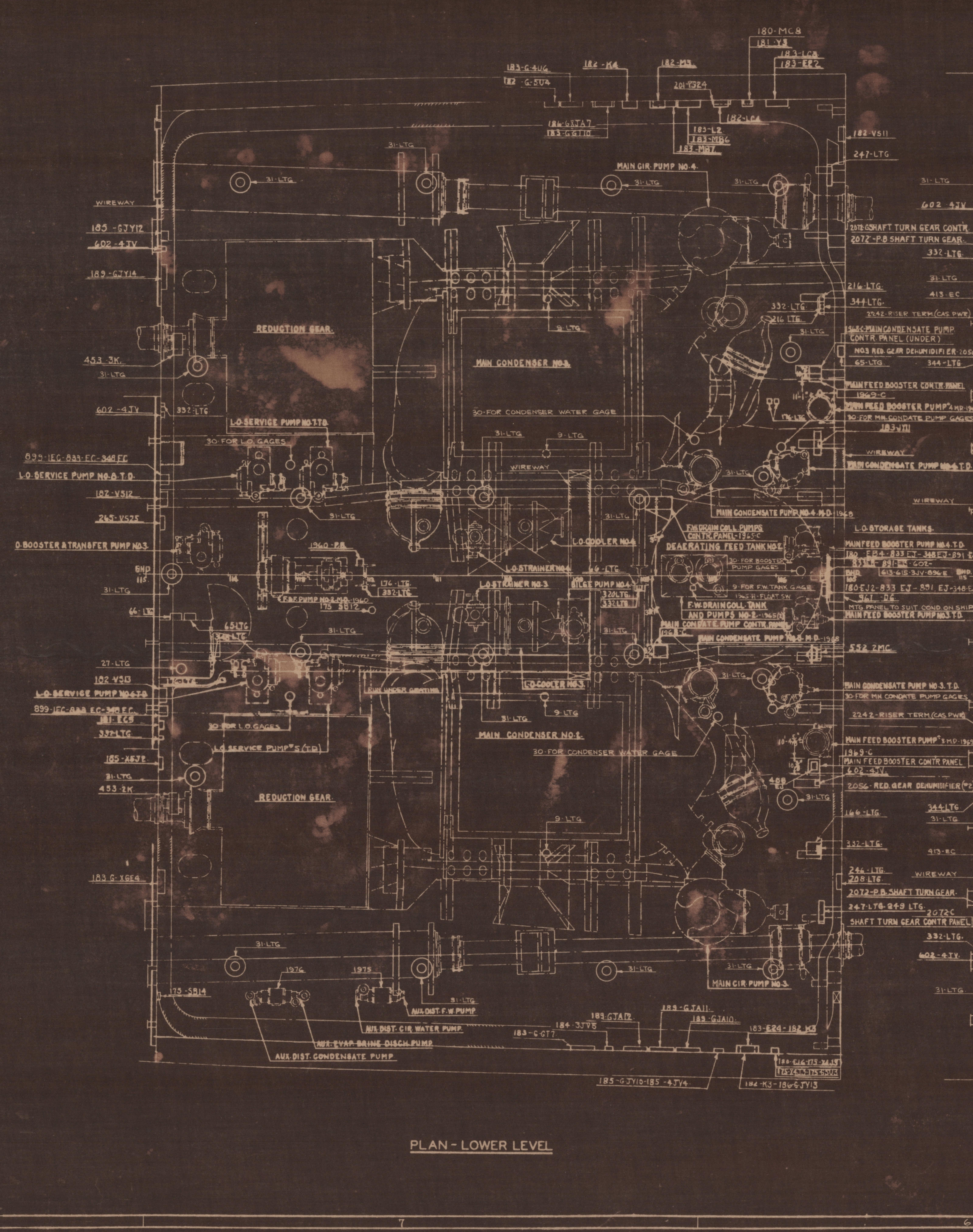
DRAWN BY L.F. CUSHING 9/29/47 SECT SUPV. W.L. Bauman 10/15
TRACED BY
CHECKED BY CSA 10/14 DEPUTY HD. ENGR.
GROUP SUPV. J.A.P. 10/15 HEAD ENGR. S. Egan 10/17
APPROVED
17 OCT 1947 C.A. Mayo Jr.
DESIGN SUPERINTENDENT

AUTHORITY:
SHIPALT 734
AUG. 25, 1947

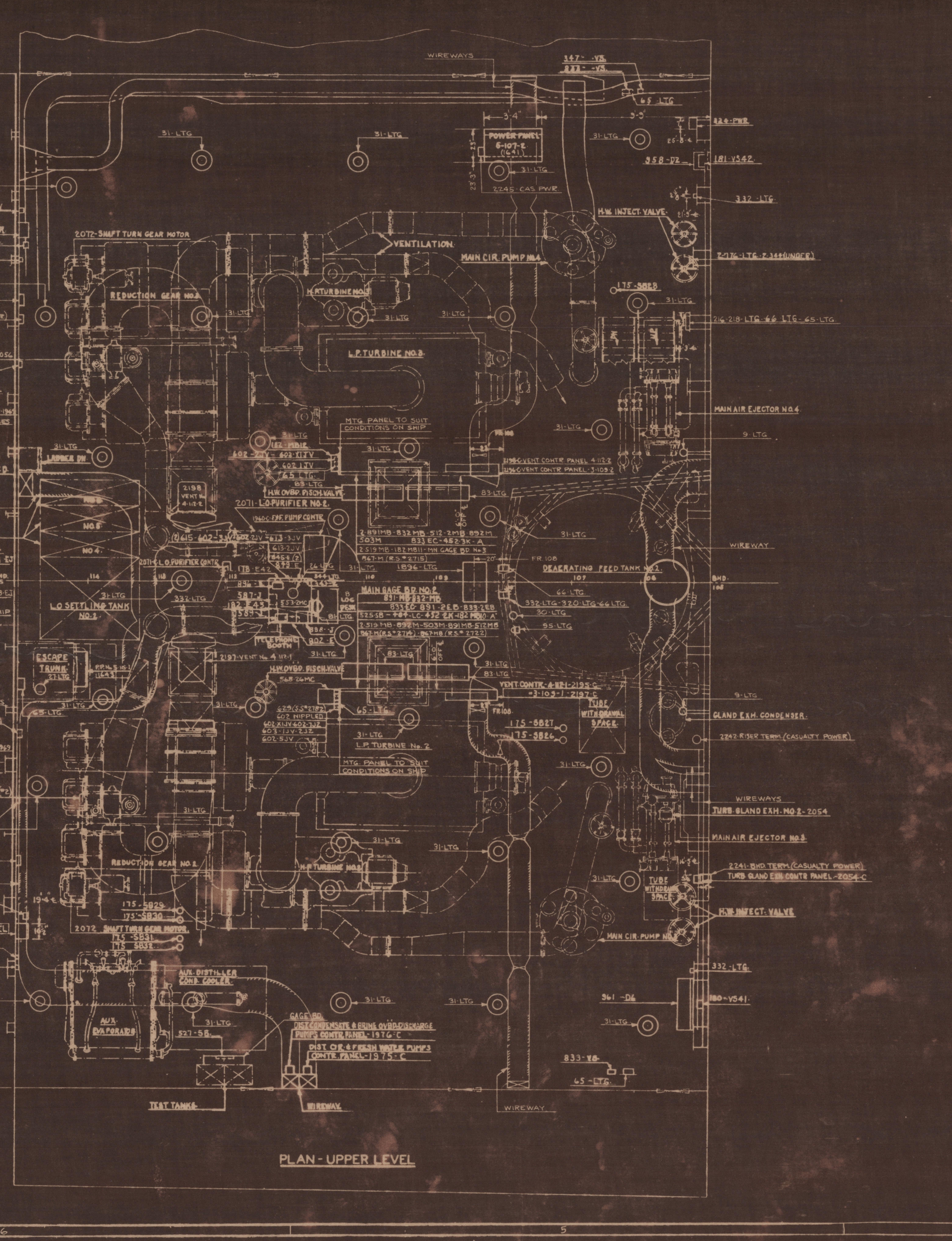
BOAT STOWAGE

STOWAGE OF TWO 30 FT. MOTOR LAUNCHES ON MAIN DECK - STBD.

BUREAU OF SHIPS PLAN NUMBER
CA122-S8201-662633 ALT. 0



PLAN - LOWER LEVEL



PLAN - UPPER LEVEL

LIST OF EQUIPMENT

	DESCRIPTION	BETH. DR. No.	BUREAU DR. No.	SUB-CONTR. DR. No.
31	CEILING FIXTURE - WITH REFLECTOR - N.W.T. - TYPE 8-SR3 (LTG)		9-S-5451-L	
65	ELEC. HAND LANTERN - PORTABLE - WITH RELAY - TYPE - JR-1S (LTG)		9-S-5293-L	
66	HAND LANTERN - PORTABLE - TYPE J-1S (LTG)		9-S-5311-L	
166	AUTO BUS TRANSFER EQUIP. DRIP PROOF - TYPE ABT-A2 (5-105) (LTG)		97004-S6202-2053	CUT-HAMMER # 959-1-1M1
175	BRANCH BOX - W.T. - TYPE E		9-S-4260-L	
176	BRANCH BOX - N.W.T. - TYPE F-1S (LTG)		9-S-4262-L	
178	BRANCH JUNCTION BOX - W.T. - TYPE M1-S - FUSED (CIR. E)		9-S-4914-L	
180	5 WIRE CONNECTION BOX - W.T. - TYPE 5-S		9-S-5174-L	
181	10 WIRE CONNECTION BOX - W.T. - TYPE 5-S		9-S-5161-L	
182	20 WIRE CONNECTION BOX - W.T. - TYPE 5-S		9-S-4302-L	
183	40 WIRE CONNECTION BOX - W.T. - TYPE 5-S		9-S-4303-L	
184	3 PAIR TELEPHONE CONN. BOX - W.T. - TYPE 8-S		9-S-4477-L	
185	10 PAIR TELEPHONE CONN. BOX - W.T. - TYPE 8-S		9-S-4478-L	
186	20 PAIR TELEPHONE CONN. BOX - W.T. - TYPE 8-S		9-S-4426-L	
189	40 PAIR TELEPHONE CONN. BOX - W.T. - TYPE 8-S		9-S-4227-L	
201	DISTRIBUTION BOX - W.T. 4 WAY - NO SWS. - TYPE 17-S		9-S-4750-L	
208	DISTRIBUTION BOX - N.W.T. - 12 WAY - NO SWS. - TYPE 18-S		9-S-4755-L	
216	DISTRIBUTION BOX - 6 WAY - WITH SWS. - N.W.T. - TYPE 24-S-S (LTG.)		9-S-4760-L	
218	DISTRIBUTION BOX - 12 WAY - WITH SWS. - N.W.T. - TYPE 24-S (LTG)		9-S-4761-L	
265	FEEDER JUNCTION BOX - W.T. - TYPE GGG-S		9-S-4735-L	
246	FEEDER DIST. BOX - 2 BRANCHES - N.W.T. - TYPE HHH-S		9-S-4875-L	
247	FEEDER DIST. BOX - 4 BRANCHES - N.W.T. - TYPE III-S		9-S-4876-L	
249	FEEDER DIST. BOX - 2 BRANCHES - W.T. - TYPE KKK-S		9-S-4878-L	
320	SWITCH & RECEPT - SINGLE - INTERLOCKING - GROUNDED - TYPE KK-S		9-S-5126-L	
324	SWITCH & RECEPT - INTERLOCKING - GROUNDED - W.T. - TYPE AAA-S		9-S-4864-L	
332	SWITCH & RECEPT. - DOUBLE - N.W.T. - TYPE F-1S (LTG)		9-S-4570-L	
343	SWITCH - SNAP - D.P.S.T. - W.T. - TYPE CC-S (CIR. E)		9-S-4718-L	
344	SWITCH - SNAP - D.P.S.T. - N.W.T. - TYPE DD-S - (LTG)		9-S-4718-L	
347	SWITCH - SNAP - D.P. - 2 CIRCUIT - TYPE TT-S (CIR. VS)		9-S-4720-L	
348	SWITCH - SNAP - 3 WAY - W.T. - TYPE MM-S		9-S-4721-L	
452	MASTER INDICATOR & TRANSMITTER (CIR. K)		CA68-S6505-86	PITOMETER LOG # 207-2
453	SHAFT TRANSMITTER - TYPE A2 (CIR. K)		CA68-S6505-84	PITOMETER LOG # 201-3
408	PRESSURE OPERATED CONTACT MAKER CIR. EJ -		CA122-S6504-525496	DETROIT LUB TS-1122-37A
413	LOW PRESSURE CONTACT MAKER (CIR. EC)		CA122-S6504-179100	HENSCHEL # 60-161-F
9	BULKHEAD FIXTURE - W.T. - TYPE "L-S"		9-S-4537-L	
484	DOUBLE DIAL CONCENTRIC STEERING REPEATER - MK. 6 - MOD 0 (CIR. LC)			ARMA # 53360
26	CEILING FIXTURE - N.W.T. - TYPE "8-S"		9-S-4341-L	
503	ENGINE REVOLUTION TELEGRAPH INDICATOR (CIR. M) CLASS "A"		CA122-S6505-178563	HENSCHEL # 10-1220
512	SINGLE ENGINE ORD. TELEGRAPH TRANSM. IND. - FLUSH PANEL MTG. (CIR. IMB)		CA122-S6505-178555	HENSCHEL # 10-1211
27	CEILING FIXTURE - N.W.T. - TYPE "8-S" - WITH GUARD		9-S-4341-L	
527	SALINITY INDICATOR PANEL (CIR. SB)			CONTROL INST. # 20453
519	THROTTLE VALVE CONTACT MAKER (CIR. MB)		9-S-4524-L	
525	CABINET TYPE SALINITY INDICATOR (CIR. SB)		CA68-S6505-92	BENDIX AVIA. CORP. CAL 4208
552	REPRODUCER - HIGH POWER - CLASS H - D173183 (CIR. 2MC)		CA122-S6502-179543	WESTERN ELEC. # ESXX 671064
553	REPRODUCER - MED. POWER - CLASS M - D173182 (CIR. 2MC)		CA122-S6502-179543	WESTERN ELEC. # ESXX 671064
30	CEILING FIXTURE - N.W.T. - TYPE "8-S2"		9-S-4341-L	
81	SHADED LIGHT - N.W.T. - TYPE "8-S"		9-S-4592-L	
2241	BULKHEAD TERMINAL (CASUALTY POWER)		9-S-5301-L	
587	SHIPS SERVICE TELEPHONE - TYPE B (CIR. J)		CA68-S6501-80	AUTO-ELEC. # GL646
589	TELEPHONE POWER SIGNAL RELAY (CIR. J)		CA68-S6501-83	AUTO ELEC. # GL845
602	JACK BOX - TYPE T-1S		9-S-5406-L	
603	JACK BOX - TYPE T-2S		9-S-5454-L	
2242	RISER TERMINAL - TYPE "A" (CASUALTY POWER)		9-S-5302-L	
629	TELEPHONE SELECTIVE SW. - 16 POSITION - ENCLOSED		S6501-521416	U.S. INSTR. CO. # A-264
613	SOUND POWERED TELEPHONE HANDSET - N.W.T.		CA122-S6501-179222	R.C.A. # T-613025-504-38
802	ANNUNCIATOR - 4 DROP - TYPE I - WITH 1 RELAY (CIR. E)		CA130-S6504-179633	HENSCHEL # 50-100
832	INDICATOR - SINGLE DIAL (CIR. MB, VS)		9-S-4588-L	
833	INDICATOR - TWO DIAL (CIR. EB, EC, EJ, VS)		9-S-4609-L	
845	PUSHBUTTON - SINGLE - TYPE R-S - W.T. (CIR. E)		9-S-4581-L	
2245	DISTRIBUTION PANEL TERMINAL (CASUALTY SYSTEM)		9000-S6202-73115	
849	PUSHBUTTON - 5 GANG - TYPE A-S - W.T. - (CIR. E)		9-S-4629-L	
867	MULTIPOLE ROTARY TRANSFER SWITCH - TYPE 2JRP10		9-S-5568-L	
95	WATER GAGE LIGHT - TYPE 4-A		9-S-5160-L	
615	HANDSET MOUNTING BRACKET		12-T-915-L	
A	MECHANICAL CLOCK	1544-235-5	FURNISHED BY	HULL DEPT.
891	VIBRATING BELL - W.T. - TYPE B4 (CIR. EB, EJ, MB)		CA122-S6504-178574	HENSCHEL # 20-152
892	BELL - TYPE B6 (CIR. M)		CA122-S6504-178575	HENSCHEL # 20-154
896	HORN - TYPE H4 (CIR. E)		CA68-S6504-83	FEDERAL # H-6166
898	HORN - MOTOR OPERATED - TYPE H9 (CIR. J)		CA72-S6501-178963	AUTO ELEC. # GH-74270
899	SIREN - TYPE S2 (CIR. EC)		CA122-S6504-179098	FEDERAL # H-6196 A
958	TELEPHONE STOWAGE BOX - N.W.T. - TYPE D2	1544-20-331	CA122-S3003-523086	
B	LOG DESK	1544-236-73	FURNISHED BY	HULL DEPT.
961	TELEPHONE STOWAGE BOX - N.W.T. - TYPE D6	1544-20-331	CA122-S3003-523086	
1896	DRINKING FOUNTAIN - SIZE 10-S			CORDLEY-HAYES MANUAL
* 1641	POWER PANEL No. 5-107-2		CA122-S6201-527938	WESTINGHOUSE # CG-40042
1643	POWER PANEL No. 5-115-1 (I.C. SUPPLY)		CA122-S6201-527929	WESTINGHOUSE # CG-40051
1960-PB	FIRE & FLUSHING PUMP MOTOR PUSHBUTTON MASTER SWITCH		94404-S6307-506803	CUT-HAMMER # 966-1-1M2
1960	FIRE & FLUSHING PUMP MOTOR		——	——
* 1960-C	FIRE & FLUSHING PUMP MOTOR CONTROLLER		94404-S6307-506803	CUT-HAMMER # 966-1-1M2
1968	MAIN CONDENSATE PUMP MOTOR		——	——
1968-C	MAIN CONDENSATE PUMP MOTOR CONTROLLER		94204-S6307-1651	CUT-HAMMER # 962-1-1M1
2054	TURBINE GLAND EXHAUSTER MOTOR		——	——
2054-C	TURBINE GLAND EXHAUSTER MOTOR - MANUAL CONTROLLER		94104-S6307-1657	CUT-HAMMER # 922-1-1M1
2072	SHAFT TURNING GEAR MOTOR		——	——
2072-C	SHAFT TURNING GEAR MOTOR CONTROLLER		94104-S6307-1798	CUT-HAMMER # 962-7-1M1
2072-PB	SHAFT TURNING GEAR MOTOR PUSHBUTTON MASTER SWITCH		94104-S6307-1798	CUT-HAMMER # 962-7-1M1
83	SHADED FIXTURE - TYPE A-S		9-S-4888-L	
568	TRANSMITTER RECEIVER UNIT (26MC)		FURN. BY BU. SHIPS	
* 2195-C	VENT No. 3-109-1 MOTOR CONTROLLER		94204-S6307-1849	CUT-HAMMER # 968-1-9M1
* 2196-C	VENT No. 3-109-2 MOTOR CONTROLLER		94204-S6307-1849	CUT-HAMMER # 968-1-9M1
2197	VENT No. 4-112-1 MOTOR		——	——
* 2197-C	VENT No. 4-112-1 MOTOR CONTROLLER			
2198	VENT No. 4-112-2 MOTOR		——	——
* 2198-C	VENT No. 4-112-2 MOTOR CONTROLLER			
1975	DISTILLER CIRCULATING & FRESH WATER PUMP MOTOR		——	——
1975-C	DISTILLER CIRCULATING & F.W. PUMP MOTOR CONTROLLER		94104-S6307-1657	CUT-HAMMER # 922-1-1M1
1976	DISTILLER CONDENSATE & BRINE OV'BD DISCHGE PUMP MOTOR		——	——
1976-C	DISTILLER COND'ATE & BRINE OV'BD DISCHGE PUMP MOTOR CONTR		94104-S6307-1657	CUT-HAMMER # 922-1-1M1

LIST OF EQUIPMENT - CONT.

SYM. No	DESCRIPTION	BETH. DR. No	BUREAU DR. No	SUBCONTR DR. No.
1965	F.W. DRAIN TRANSFER PUMP MOTOR		——	——
1965-C	F.W. DRAIN TRANSFER PUMP MOTOR DUPLEX CONTROLLER		94104-S6307-1873	CUT-HAMMER # 962-1-6M1
1965-H	F.W. DRAIN TRANSFER PUMP MOTOR FLOAT SWITCH		CA68-S4700-170	WESTINGHOUSE # 35-J-652
1969	MAIN FEED BOOSTER PUMP MOTOR		——	——
1969-C	MAIN FEED BOOSTER PUMP MOTOR CONTROLLER		CA72-S4700-179994	CUT-HAMMER # 962-1-1M5
2056	MOTOR FOR DEHUMIDIFING UNIT		——	——
2071	LUBE OIL PURIFIER MOTOR		——	——
2071-C	LUBE OIL PURIFIER MOTOR CONTROLLER		94104-S6307-1657	CUT-HAMMER # 922-1-1M1

NOTES:-

1. FOR SECTIONS & ELEVATIONS SEE REFERENCE 1.
2. ELECTRICAL EQUIPMENT SHALL BE MOUNTED AT LEAST 2" FROM PROTECTIVE DECK.
3. LOCATION OF ALL CEILING FIXTURES AND CONNECTION BOXES SHALL BE TO SUIT INSPECTOR ON SHIP.
4. FOR LOCATION OF HYDRAULICALLY OPERATED VALVES WITH VALVE OPER. CONTACT MAKERS (SYM. # 533) SEE REF. # 25 & 26.
5. MOUNTING PANELS FOR ELECTRICAL INSTRUMENTS SHALL BE SUPPLIED BY THE HULL DEPARTMENT.
6. FOUNDATIONS FOR EQUIPMENT MARKED THUS (*) SHALL BE SUPPLIED BY THE HULL DEPARTMENT.
7. FOR LOCATION OF SALINITY CELLS (SYM. # 524 & 526) SEE REF. # 17-20 INCL. & 27.

RESERVATIONS:

1. TYPE, SIZE & NUMBERS OF ALL CONNECTION BOXES

NOTE:
THIS PLAN HAS BEEN REPRODUCED FROM N.Y.S. DR. No. 449-620-18-1, BU. SHIPS No. CA122-S6000-308872 & No. 449-620-18-2, BU. SHIPS No. CA122-S6000-308873

REFERENCE PLANS

No.	TITLE	B.S.C. No.	BUREAU OF SHIPS NUMBER			
			MACHINERY			HULL
			INDEX	GROUP	FILE No.	
1	GENERAL ARRANGEMENT AFT ENGINE ROOM - SECTIONS & ELEVATIONS	1544-20-724	CA68	S6000	523	
2	WIREWAYS - MACHINERY SPACES & FIRE ROOMS - LOWER LEVEL	1544-20-507	CA68	S6000	78	
3	WIREWAYS - MACHINERY SPACES & FIRE ROOMS - UPPER LEVEL	1544-20-508	CA68	S6000	79	
4	LIGHTING - MACHINERY SPACES & FIRE ROOMS - LOWER LEVEL	1544-20-107	CA68	S6401	218	
5	LIGHTING - MACHINERY SPACES & FIRE ROOMS - UPPER LEVEL	1544-20-108	CA68	S6401	219	
6	INTERIOR COMM. - MACHINERY SPACES & FIRE ROOMS - LOWER LEVEL	1544-20-207	CA68	S6503	34	
7	INTERIOR COMM. - MACHINERY SPACES & FIRE ROOMS - UPPER LEVEL	1544-20-208	CA68	S6503	35	
8	FIRE CONTROL - MACHINERY SPACES & FIRE ROOMS - LOWER LEVEL	1544-20-407	CA68	S7108	52	
9	FIRE CONTROL - MACHINERY SPACES & FIRE ROOMS - UPPER LEVEL	1544-20-408	CA68	S7108	53	
10	POWER - MACHINERY SPACES & FIRE ROOMS - LOWER LEVEL	1544-20-7	CA68	S6202	371	
11	POWER - MACHINERY SPACES & FIRE ROOMS - UPPER LEVEL	1544-20-8	CA68	S6202	372	
12	CASUALTY POWER SUPPLY SYSTEM	1544-20-62	CA68	S6202	448	
13	ARRANGEMENT OF MACHINERY - No. 2 ENGINE ROOM - PLAN & ELEVATIONS	1544-31-10A	CA122	S4000	178191	
14	ARRANGEMENT OF MACHINERY - No. 2 ENGINE ROOM - SECTIONS	1544-31-11A	CA122	S4000	178192	
15	VENTILATION - ENGINE ROOM - AFT - FR. 105-115 - PLAN	1544-192-29A	CA122	S3801	522503	
16	VENTILATION - ENGINE ROOM AFT - FR. 105-115 - ELEVATION & SECTIONS	1544-192-29B	CA122	S3801	522504	
17	AUX. DIST. PLANT PIPING - PLAN	1544-37-27	CA68	S5804	84	
18	AUX. DIST. PLANT PIPING - ELEVATIONS & SECTIONS	1544-37-28	CA68	S5804	85	
19	FEED, CONDENSATE & AIR EJECTOR SYSTEM - No. 2 E.R. PLAN	1544-37-W-10	CA68	S4802	68	
20	EVAPORATOR - EXTERNAL ARRANGEMENT	GRISCOM-RUSSELL NYE-2115-25	51108	558	66	
21	MAIN GAUGE BOARDS - No. 1 & No. 2 ENGINE ROOMS - ARRANGEMENT	1544-41-13	CA122	S8700	309736	
22	DETAIL OF MAIN GAUGE BOARDS - AFT ENGINE ROOM	1544-41-15	CA122	S8700	310115	
23	L.O. SYSTEM FOR No. 2 ENGINE ROOM - PLANS & ELEVATIONS	1544-37-L-4	CA68	S4501	31	
24	FOUNDATIONS FOR ELEC. EQUIP. IN AFT ENGINE RM.	1544-126-51	CA122	S1103	523114	
25	SCHEDULE OF EQUIPMENT FOR HYDRAULIC OPERATED VALVES	1544-18-67		S4824	413070	
26	ARRANGEMENT OF HYDRAULIC PIPING FOR DRAINAGE, FIRE MAIN & MISC. ENG. VALVES - PLAN & SECTIONS	1544-18-140 & 141		S4824 S4824	413093 413095	
27	FEED-CONDENSATE & AIR EJECTOR SYSTEM - No. 2 E.R. ELEV. & SECTION	1544-37-W-11	CA68	S4802	69	

NET AREA = 27" × 102" = 19.1 □'

No.	ALTERATION	BY	CONT. DATE	CONT. APPD.	GOVT. DATE	GOVT. APPD.
I	SYM 568 (26MC) ADDED TO AGREE WITH REF. 6 & 7, ALT. 1... LTG FIXTURES ADDED TO AGREE WITH REF. 4 & 5, ALT. 5... NOTE ADDED TO MTG. PANELS AT B'HD 105 LOWER LEVEL & AT MAIN GAGE BDS... RESERVATIONS # 2 & # 3 DELETED... CA125-129, 137 & 138 DELETED FROM TITLE BLOCK IN ACCORD. WITH BUSHIPS LTR. SECTION 1760, Nobs-316 (T) (1763) DATED 12 AUG. 1945. (1) SYM. 896 & (1) SYM. 845 (CIR. E) ADDED TO AGREE WITH REF. 6 & 7, ALT. 1.					
	APPROVAL	R.E.D.	24 SEPT. 1945	E.E.F.	OCT. 2 1945	
II	BU. DR. No's FOR SYM. No's 958, 961, 1641 & 1643 ADDED... (1) SYM. No. 408 DELETED & (1) SYM. No. 408 RELOCATED PER DR. No. 1544-37-W10 & 11, BU. DR. No. CA68-S4802-68 ALT F-3 & CA68-S4802-69 ALT F-2...					
	APPROVAL	C.S.B.	17 DEC 1945	E.E.F.	12/28/45	R

CALCULATED WEIGHTS

GROUP	DESCRIPTION	CONT. CALC.	BUREAU EST.	DIFFERENCE

HULL NO.	SHIP NO.	NAME	CONTRACTOR
	~~CA-138~~		~~NAVY YARD PHILADELPHIA, PA.~~
	~~CA-137~~		
~~1551~~	~~CA-129~~		BETHLEHEM STEEL CO. SHIPBUILDING DIVISION QUINCY YARD QUINCY, MASS.
~~1550~~	~~CA-128~~		
~~1549~~	~~CA-127~~		
~~1548~~	~~CA-126~~		
~~1547~~	~~CA-125~~		
1546	CA-124		
1545	CA-123		
1544	CA-122		

BETHLEHEM STEEL CO.
SHIPBUILDING DIVISION
QUINCY YARD QUINCY, MASS.
ELECTRICAL DEPARTMENT

SCALE 3/8" = 1 FOOT DATE APRIL 16-1945
DRAWN R.E.D. EXAMINED
TRACED APPROVED
CHECKED R.W.G. & R.M.G. APPROVED

JOB No. 1544-20 PLAN No. 1544-20-723

CORRECTED PLAN

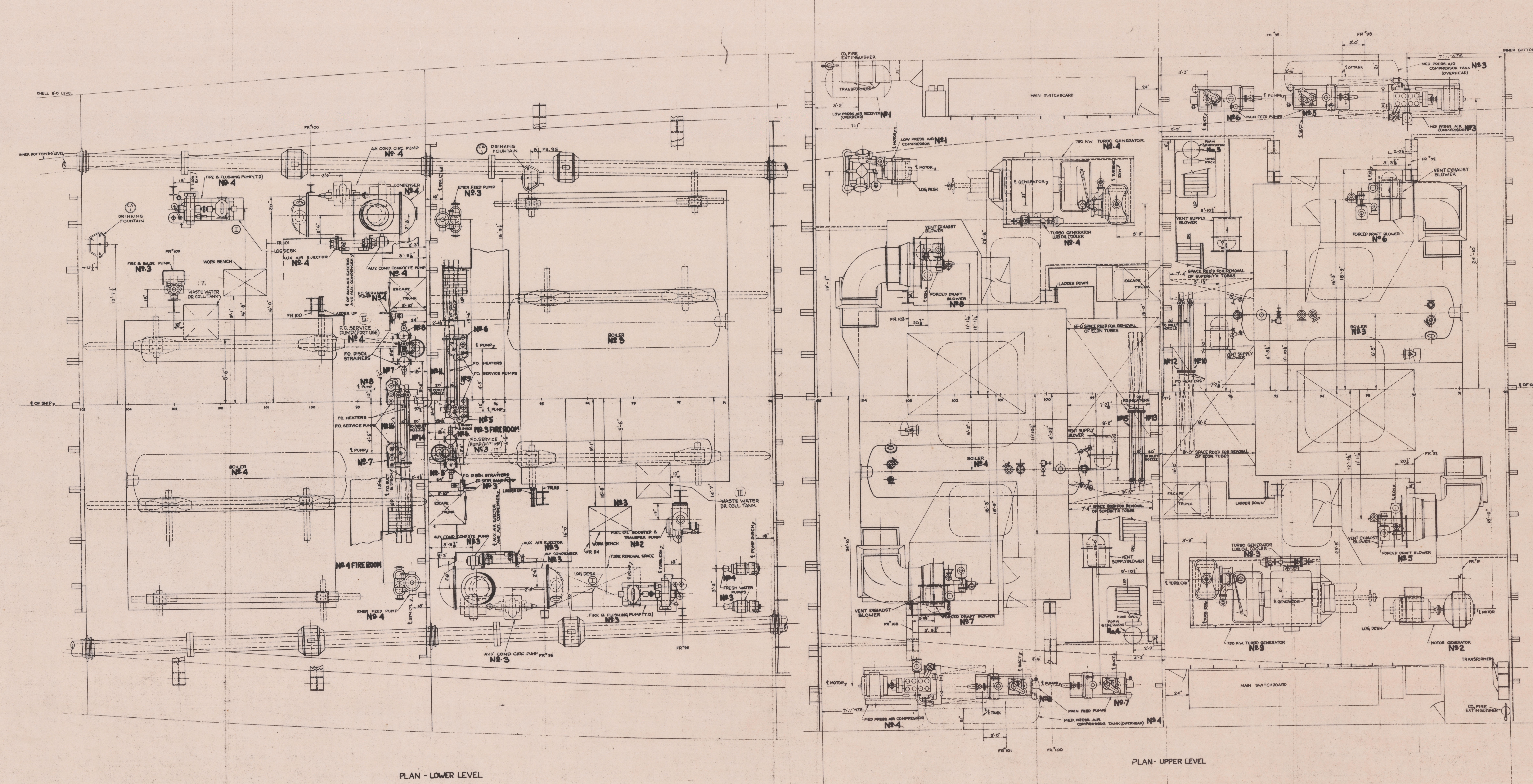
CA122 / S60 / S41-6

APPROVED FOR CA DATE 5-8-45
LETTER NO. CA122 CLASS S60 (R5598-20)
SUPERVISOR OF SHIPBUILDING U.S.N. QUINCY, MASS.
BY DIRECTION

ELECTRICAL
GENERAL ARRANGEMENT
AFT ENGINE ROOM
PLAN VIEWS

BUREAU OF SHIPS PLAN NUMBER				
HULL	MACHINERY			
	INDEX	GROUP	FILE NO.	ALT.
	CA68	S6000	522	2

NO.	PANEL	ALTERATION	BY	CONT. DATE	CONT. APP'D	GOV'T DATE	GOV'T APP'D
Ⅰ		LOG DESKS IN F.R's #3 & #4 LOWER LEVEL RELOCATED. CA134 DELETED IN ACCORDANCE WITH S.O.S. LETTER CA134/S1-1(H4034-DH) DATED 19TH OCT. 1943. WASTE WATER DRAIN TANKS REMOVED.	RHM DLK S.T.T. G.E.W.	12-2-43.	GRD	12/10/43	H.
CA 1		DRINKING FOUNTAINS ADDED LOWER LEVEL PORT SIDE No 3 & No 4 F.R IN ACCORD. WITH SUP. SHIPS LET. CA-130-133/S36 SERIAL 15748 DATED 9 DEC. 44	J.L.C. G.B.B. S.T.T.	2/13/45		28 FEB 45	
Ⅱ		FOAM GENERATORS RELOCATED FROM LOWER LEVEL TO UPPER LEVEL.	G.B.B. FJT. S.T.T.	4/26/45	GRD	4/30/45	H
Ⅲ		WASTE WATER DRAIN TANKS REINSTATED IN F.RMS. AS REQ. IN BU.SHIPS LETTER CA 122 CLASS/S48(640-5811) Nobs 316 OF 18 JAN. 1946 PORT & CRUISING F.O. SERVICE PUMP ADDED IN F.R. #3 & 4 AS REQ. IN BU.SHIPS LETTER CA 122/S55(647-5813) OF 6 NOV. 1945, FOR CA 122, 123 & 124.	23 20 BB	1/15/46	GP	11/20/46	H



PLAN - LOWER LEVEL

PLAN - UPPER LEVEL

REFERENCE PLANS

Nº	TITLE		B.S.C Nº	BUREAU OF SHIPS NUMBERS MACHINERY INDEX	GROUP	FILE Nº	HULL
1.	ARR'G'T OF MACHINERY Nº 3 & Nº 4 FIRE ROOMS	SECTIONS	1544-31-5	CA68	S4000	38	
2.	Nº 1 & Nº 2	PLAN	1544-31-1	CA68	S4000	35	
3.		SECTIONS	1544-31-2	CA68	S4000	36	
4.	Nº 1 ENGINE ROOM	PLAN	1544-31-7-A	CA122	S4000	178189	
5.		SECTIONS	1544-31-8-A	CA122	S4000	178190	
6.	Nº 2	PLAN	1544-31-10-A	CA122	S4000	178191	
7.		SECTIONS	1544-31-11-A	CA122	S4000	178192	

THIS PLAN
SUPERSEDES
9431-4
BU. OF SHIPS No. S4000-4 ALT. 7
FOR CA122
& LATER VESSELS

SEE SHIPS PLAN INDEX FOR APPLICABILITY OF THIS PLAN TO ANY VESSEL

CALCULATED WEIGHTS

GROUP	DESCRIPTION	CONT. CALC.	BUR. EST.	DIFFERENCE

Ⅰ

JOB Nº	HULL Nº	SHIP NO.	NAME	CONTRACTOR
		~~CA-138~~		~~NAVY YARD PHILADELPHIA, PA.~~
		~~CA-137~~		
		CA-136		
		CA-135		
				NEW YORK SHIPBUILDING CORP. CAMDEN, N.J.
		CA-133		
		CA-132		
		CA-131		
		CA-130		
	~~1551~~	~~CA-129~~		~~BETHLEHEM STEEL CO. SHIPBUILDING DIV. QUINCY YARD QUINCY, MASS.~~
~~1548 / 311~~	~~1550~~	~~CA-128~~		
	~~1549~~	~~CA-127~~		
	~~1548~~	~~CA-126~~		
	~~1547~~	~~CA-125~~		
1544 / 311	1546	CA-124		
	1545	CA-123		
	1544	CA-122		

CORRECTED PLAN

BETHLEHEM STEEL CO.
SHIPBUILDING DIVISION
QUINCY YARD QUINCY, MASS
ENGINEERING DEPARTMENT

SCALE 1/4" = 1 FOOT
DATE JULY 1?, 43
DRAWN J.B.
EXAMINED S.T.T.
TRACED RHM
APPROVED GRD
CHECKED PKG
APPROVED BJS

JOB NO.
PLAN NO. 1544-31-4

CA122/S40
S51-4

APPROVED FOR CA122 TO 138
DATE JULY 24, 1943
LETTER NO.
Thos. F. Aschinger
SUPERVISOR OF SHIPBUILDING U.S.N. QUINCY, MASS.

ARRANGEMENT OF MACHINERY
NO. 3 & NO. 4 FIRE ROOMS
PLANS

BUREAU OF SHIPS PLAN NUMBER HULL	MACHINERY INDEX	GROUP	FILE NUMBER
✓	CA68	S4000	37 ALT 3

Filed